

Trinitron® Color TV

Operating Instructions

KV-25TH

©1994 Sony Corporation Printed in Taiwan

Owner's Record

The model and serial numbers are located at the rear of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. KV-25TH
Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Use of this television receiver for other than private viewing of programs broadcast on UHF or VHF for the use of the general public may require authorization from the broadcaster.

Welcome!

Thank you for purchasing the Sony Trinitron® Color TV. Here are some of the features you will enjoy with your TV:

- 5-inch Trinitron TV
- Seek feature, to search for receivable channels automatically
- Picture adjustment and channel presetting on the screen display
- Sleep timer, which automatically turns the TV off after 30/60/90 minutes
- Two-way AC/DC power supply

Precautions

Safety

- Operate the TV only on 12/24 V DC.
For AC operation, use the supplied AC power adaptor. Do not use any other AC power adaptor.
For car battery operation, use the supplied car battery cord. Do not use any other car battery cord.
- Should any liquid or solid object fall into the cabinet, unplug the AC power adaptor or the car battery cord if you are not going to use it for several days or more.
- To disconnect the cord, pull it out by the plug. Never pull the cord itself.

On the AC power adaptor

One blade of the plug is wider than the other for the purpose of safety and will fit into the power outlet only one way. If you are unable to insert the plug full into the outlet, contact your dealer.

Installation

- To prevent internal heat build-up, do not block the ventilation openings.
- Do not install the TV in a hot or humid place, or in a place subject to excessive dust.
- Do not place the TV in a car with the windows closed (especially in summer).

Cleaning

Clean the TV with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the cabinet.

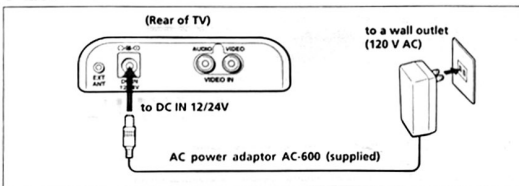
Repacking

Retain the original carton and packing materials for safe transport of your TV in the future.

▶ Getting Started

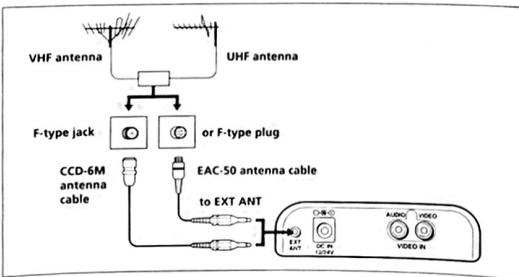
Connections

Using house current



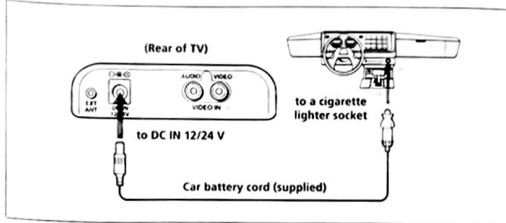
Connecting the outdoor antenna

To connect, use EAC-50 antenna cable (not supplied) for F-type plug or CCD-6M antenna cable (not supplied) for F-type jack.



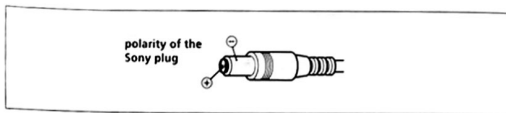
- To connect CCD-6M to the F-type plug, use EAC-40 F-type joint (not supplied).
- If you need to prepare the end of the antenna cable, use EAC-33 antenna connector (not supplied).

Using a car battery



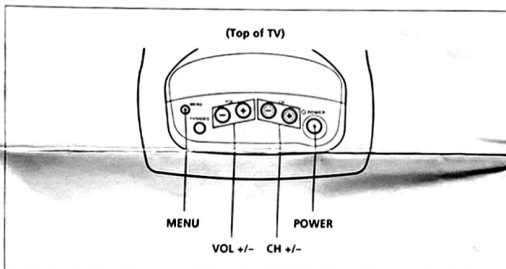
Notes

- For car use, the TV is designed for negative ground 12/24 V DC operation only.
- When you aren't using the TV, remove the car battery cord from the cigarette lighter socket.
- Use only the supplied AC power adaptor or car battery cord manufactured by Sony. Polarity of the plugs of other manufacturers may be different.



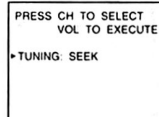
Presetting Channels

You can preset TV channels easily: first store all the receivable channels automatically following the procedure below, then erase unnecessary channels or add the channels you want.

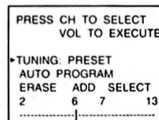


1 Press POWER to turn the TV on.

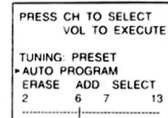
2 Press MENU three times.
The display for presetting appears.



3 Press VOL + or - to select PRESET.



4 Press CH + or - to move the cursor to AUTO PROGRAM and press VOL + or -.



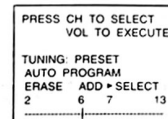
Receivable channels will be preset in numerical sequence. When no more channels can be found, the programing stops and the channel bar shows the lowest channel number.

Channels that can be received on this TV:

VHF: 2-13
UHF: 14-69

Erasing or adding channels

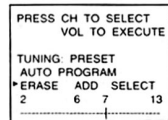
1 Press CH + or - to move the cursor to SELECT.



2 Press VOL + or - to move a bar to select the channel to be added.

To erase the channel

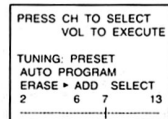
Press CH + or - to move the cursor to ERASE and press VOL + or - to execute.



This channel has now been erased from the channel scan memory. The next time you press CH + or -, this channel will be skipped.

To add the channel

Press CH + or - to move the cursor to ADD and press VOL + or - to execute.

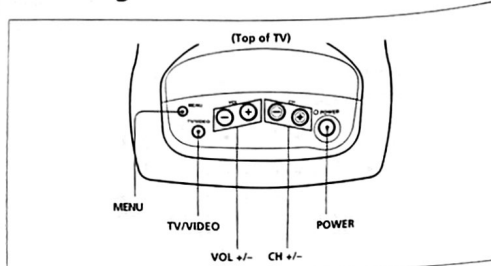


This channel has now been added to the channel scan memory.

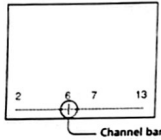
To scan all the channels when you watch the TV
Set TUNING to SEEK.

Operations

Watching the TV



- 1 Press POWER to turn the TV on. If "VIDEO" appears on the screen, press TV/VIDEO so that a channel bar appears.



- 2 Press CH + or - to select the channel you want to watch.

- 3 Press VOL + or - to adjust the volume. To increase volume, press "+". To decrease volume, press "-".

To turn off the TV

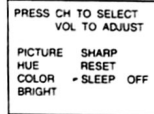
Press Power.

Setting the Sleep Timer

You can set the TV to turn off automatically after the length of time you specified elapses.

- 1 Press MENU twice to display the menu screen.

- 2 Press CH + or - to move the cursor to SLEEP.



- 3 Press VOL + repeatedly until the time (minutes) you want appears. Each time you press VOL +, the time changes as follows: 30 → 60 → 90 → OFF. The TV is then set for the length of time you specify and shuts off automatically.

The "SLEEP OFF" display will appear 1 minute before the TV turns off.

To cancel the sleep timer

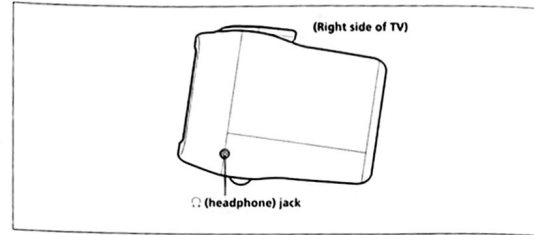
Press VOL + repeatedly until "OFF" appears.

Displaying the input mode

Press MENU. The current input modes (channel bar or VIDEO) will be displayed on the screen for 5 seconds.

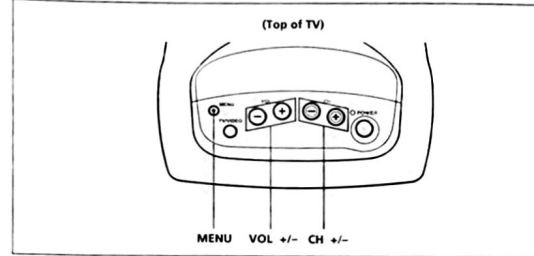
Listening with a headphone

You can listen to the TV's sound through an optional headphone connected to a (headphone) jack.

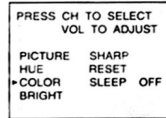


Adjusting the picture

You can adjust the quality of the picture to suit your taste. For details on each item, see "Description of adjustable items" below.



- 1 Press MENU twice.
- 2 Press CH + or - to move the cursor to the item you want to adjust (PICTURE, HUE, COLOR, BRIGHT or SHARP). For example: To adjust color intensity, press CH + or - to select COLOR.



- 3 Press VOL + or - to adjust the selected item: Control bar appears.



The control bar disappears 5 seconds after the picture is adjusted and the menu screen appears.

Description of adjustable items

ITEM	Press VOL - to	Press VOL + to
PICTURE	Decrease picture contrast	Increase picture contrast
HUE	Make skin tones become purplish	Make skin tones become greenish
COLOR	Decrease color intensity	Increase color intensity
BRIGHTNESS	Decrease brightness	Increase brightness
SHARPNESS	Soften the picture	Sharpen the picture

To turn the display off

Press MENU until the menu screen is turned off.

To restore the factory preset levels

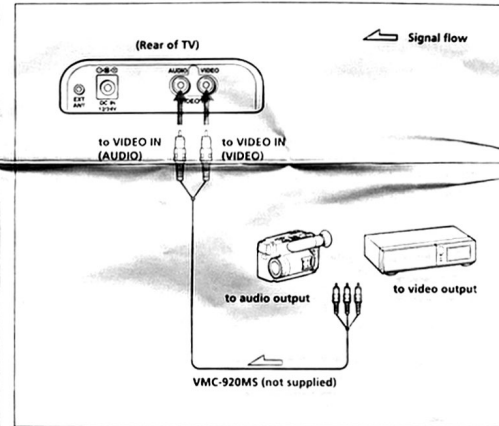
- 1 Press MENU twice.
 - 2 Press CH + or - to move the cursor to RESET.
- PRESS CH TO SELECT VOL TO ADJUST

PICTURE SHARP
HUE → RESET
COLOR SLEEP OFF
BRIGHT
- 3 Press VOL + or - to restore the all picture settings.
 - 4 Press MENU until the menu screen is turned off.

Connecting Video Equipment

Connecting a VCR or 8mm video camera

Before connecting, turn off the power on all equipment.



Watching a VCR picture

- 1 Turn on the TV.
- 2 Press TV/VIDEO so that "VIDEO" appears on the screen.

To return to TV mode

Press TV/VIDEO so that a channel bar appears on the screen.

Additional Information

Troubleshooting

Disturbances in picture and sound can often be eliminated by checking the symptoms and following the suggestions listed below. If the problem still cannot be solved, contact your nearest service facility.

SYMPTOM	CHECK AND ADJUST
No picture, no sound	<ul style="list-style-type: none"> • Is POWER switched on? • Is the power plugged in? • Check the TV/VIDEO setting.
Poor or no picture	<ul style="list-style-type: none"> • Adjust PICTURE, BRIGHTNESS or SHARPNESS. • Adjust the antenna.
No sound	<ul style="list-style-type: none"> • Press VOL -. • Is a headphone connected?
No color	<ul style="list-style-type: none"> • Is it a color program? • Adjust COLOR.
Snow and noise only	<ul style="list-style-type: none"> • Adjust the antenna.
Dotted lines or stripes	<ul style="list-style-type: none"> • Often caused by interference from neon signs, hair dryers, etc. Move the TV to another spot.
Double images or ghosts	<ul style="list-style-type: none"> • Adjust the antenna. An external antenna may improve the picture.

Specifications

Television system	American TV standard, NTSC color
Channel coverage	VHF channels 2-13 UHF channels 14-69
Picture tube	5-inch picture measured diagonally, 90-degree deflection
Antenna	VHF/UHF telescopic antenna
Speaker	50 mm round (2 inches), 1W, 8 ohms
Inputs	VIDEO: RCA phono-type 1 Vp-p, 75 ohms AUDIO: RCA phono-type monaural EXT ANT (Combined VHF/UHF 75-ohm, mini-type)
Output	Headphone jack
Power requirements	120 V AC, 60 Hz (AC power adaptor) 12/24 V DC (Car battery cord)
Power consumption	30 W max.
Dimensions	Approx. 175 × 152 × 190 mm (w/h/d) (7 × 6 × 7 1/2 inches)
Mass	Approx. 2.4 kg (5 lb 5 oz)
Supplied accessories	AC power adaptor AC-600 (1) Car battery cord (1)
Optional accessories	Connecting cord VMC-920MS

Design and specifications are subject to change without notice.